BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work :Construction of drain from Appayanna Layout to Depot Muniswamappa Layout and Surrounding area in Ward N 12, Shettyhalli Sub Division

Code-012-18-000009

Est .Cost Rs.35.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD SR 2016-17**								
For drain	Cum							
Appayanna L/o to Muniswamappa Layout		1	285.00	1.40	1.05	418.95		
5th cross road		1	95.00	1.10	1.00	104.50		
						523.45	175.96	**92106.00**
Basic Rate	**82.00**							
add loading & unloading charges	68.00							
lead for 5 km=5*1.28*2.5	16.00							
Total	166.00							
add AW 6%	9.96							
	175.96							
KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
Appayanna L/o		1	285.00	1.40	0.15	59.85		
		1	95.00	1.10	0.15	15.68		
						75.53	5159.02	**389635.00**
Basic Rate	4867.00							
Add A.W 6%	292.02							
Total	**5159.02**							
KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**								

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for drain bottom	Cum							
Appayanna L/o		1	285.00	1.20	0.15	51.30		
		1	95.00	1.00	0.15	14.25		
side wall								
Appayanna L/o		2	285.00	0.15	0.90	76.95		
		2	95.00	0.15	0.60	17.10		
						159.60	6371.66	**1016917.00**
Basic Rate	6011.00							
Add A.W 6%	360.66							
Total	**6371.66**							

KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**

Appayanna L/o	**sqm**	4	285.00		0.90	1026.00		
5th cross road		3	95.00		0.60	171.00		
						1197.00	310.58	**371764.00**
Basic Rate	293.00							
Add A.W 6%	17.58							
Total	**310.58**							

KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bar**s Fe 500**. **Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17**

for drain	Tonnes		146.40	x	60kgs	8784.00		
						8784.00		
					say	**8.78**	64243.42	**564314.00**
Basic Rate	60607.00							
Add A.W 6%	3636.42							
Total	**64243.42**							

6 **Providing & laying reinforeced cement precast slabs** of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.

	Sqm	1	285.00		1.20	342.00		
		1	95.00		0.90	85.50		
						427.50	1680.00	**718200.00**
Approved Rate of Precast slab	**1680.00**							

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Total								3152936.00
Add TP and other charges								347000.00
Miscellaneous and unforeseen charges								64.00
							Total	3500000.00

(Rupees Thirty Five lakhs only)

CERTIFICATE

1. The Work spot has been inspected and the work found to be necessary
2. The Estimate is prepared as per the PWD SR 2016-17
3. The Provision made in estimate are adequate and essential
4. This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ: ದಿನಾಂಕ : 26.12.17
ಟಿ=ಪಿ/DD/AS/GG7/17-18
ರೂ. Rs 35.00 Lakhs
Rupees thirty five lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ಪಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.
P-3332

ಸಂ.CE/TS/417/17-18 ದಿನಾಂಕ : 27/12/2017
ರೂ. Rs. 35.00 lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸ...ರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಟಿ.ಪಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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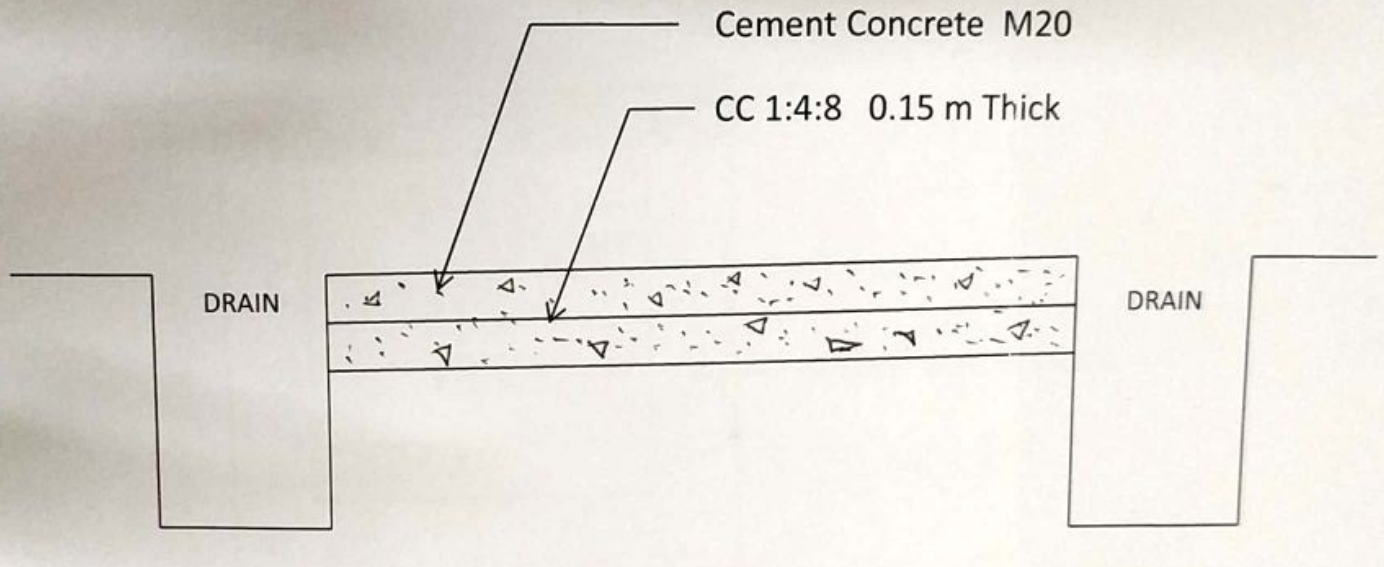

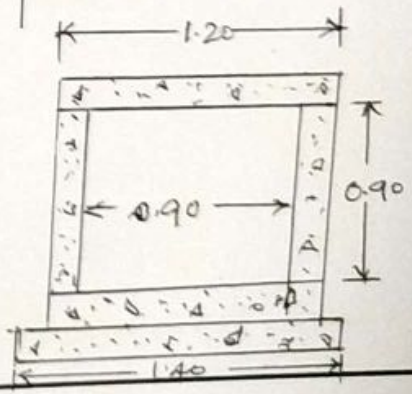

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಲೋಕೋಪಯೋಗಿ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಚಿಕ್ಕ.ಎಂ. ರಸ್ತೆ, ರಮೇಂಪ್ಲಾಗರ, ಬೆಂಗಳೂರು

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